

IN THE CLAIMS:

Claim 1, line 1, after "wire" insert --according to claim 23--; and line 3, after "superconductor" insert --forming a matrix--.

Claims 2, 3 and 22, line 1 in each, change "1" to --23--.

Please add the following new claim 23:

D3
C1

--23. A superconducting wire comprising:
a fine line of an oxide superconductor forming a matrix having dispersed therein a solidified metallic material filling voids in said oxide superconductor;
said fine line of oxide superconductor having an outer coating of a conductive material.--

REMARKS

The claims now in issue are 1-3 and 22-23. Claim 23 has been added as a new independent claim and the dependency of all previously pending claims, including claim 1, has been amended to depend on this new claim. Claim 1 has also been amended to more clearly define the invention. Support for this amendment may be found in Fig. 1 and throughout the Specification where it is taught that in the claimed structure, metal is dispersed in the superconductor material.